

Date: June 10, 2005

Inventor(s): William Davis  
 Serial No. 10/698,316  
 Filed October 30, 2003

For: PHASED ARRAY ANTENNA ARCHITECTURE HAVING DIGITALLY CONTROLLED CENTRALIZED BEAM FORMING



COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

27431

(Insert Customer Number)

Sir:

Transmitted herewith is an amendment in the above-identified patent application.

- Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.  
 Return Receipt Postcard  
 No additional claim fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER. PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA	SMALL ENTITY RATE	ADDIT. FEE	OR	OTHER THAN A SMALL ENTITY
Total	*57	minus	**63	= 0	x \$25 =	\$	OR	x50 = \$0
Independent	*7	minus	***8	= 0	x \$100 =	\$	OR	x200 = \$0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+150 =	\$	OR	+300 = \$0
					TOTAL	\$	OR	TOTAL \$0

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- Please charge my Deposit Account No. 50-0851 the amount of \$\_\_\_\_\_. A copy of this transmittal letter is enclosed.  
 A check in the amount of \$\_\_\_\_\_. to cover the extension fee is enclosed.  
 A check in the amount of \$\_\_\_\_\_. to cover the additional claims is enclosed.

- The Commissioner is hereby authorized to charge payment of the following fees with this communication or credit any overpayment to Deposit Account No. 50-0851. A duplicate copy of this transmittal letter is enclosed.  
 Any filing fees under 37 CFR 1.16 for the presentation of extra claims.  
 Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on 6/10/05

Kristine Ejercito, Reg. No. 55,147  
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PATENT  
091-0144 (PD-01-223)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William Davis : Confirmation No.: 9804

Serial No. 10/698,316 : Group Art Unit: 3662

Filed: October 30, 2003 : Examiner: Dao L. Phan

For: PHASED ARRAY ANTENNA  
ARCHITECTURE HAVING DIGITALLY  
CONTROLLED CENTRALIZED  
BEAM FORMING

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA

312 AMENDMENT

Sir:

In response to the Office Action dated as mailed on April 15, 2005 and having a period of response extending through and including June 15, 2005, please make the below-identified amendments, and consider the following remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.